

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6	("20020095168"   "5483951"   "4464175"   "5328471"   "5263928"   "6736822").pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 13:22
L3	1	L2 and colonoscope	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 13:22
L4	1	("5282813").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 13:27
L5	1	L4 and catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 13:27
L6	2	("3230949").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 13:27
L7	1	("gasche" with "anke"). inv. and ("colonoscope" or "endoscope").clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 13:49
L8	1	("gasche" with "anke"). inv. and ("catheter").clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 13:50
S1	4	("20010049497"   "20020147385"   "5779624"   "5868760"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 08:43
S2	832	appendectomy\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 08:55
S3	213	S2 and catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 09:17

S4	74	("0749689"   "1932258"   "3476114"   "3877434"   "4018229"   "4474174"   "4487489"   "4602635"   "4607621"   "4748982"   "4935027"   "4944727"   "4947827"   "5025778"   "5037433"   "5071419"   "5084015"   "5085657"   "5090960"   "5122138"   "5195958"   "5197963"   "5201740").PN. OR ("5290284").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 09:59
S5	13	("2002/0147385").URPN.	USPAT	ADJ	ON	2009/10/28 10:06
S6	64	("3870048"   "3874388"   "3911923"   "3967625"   "3989049"   "4245623"   "4374523"   "4493319"   "4606336"   "4700701"   "5095917"   "5290284"   "5303719"   "5320630"   "5507744"   "5591177"   "5709224"   "5746692"   "5776141"   "5788715"   "5788716"   "5792153"   "5797952"   "5807236"   "5807239"   "5826584"   "5843121"   "5846255"   "5868760"   "5871475"   "5873815"   "5885258"   "5895412"   "5908429"   "5921993"   "5935056"   "5935098"   "5935137"   "5954715"   "5957936"   "5989580"   "6007551"   "6019757"   "6042590"   "6042591"   "6059797"   "6066139"   "6066147"   "6068626"   "6165183"   "6401719").PN. OR ("6736822").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 10:18
S7	6	("bjerken" with "david"). inv.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 10:39
S8	2447	(606/139,140-141,148). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 11:36
S9	553	S8 and catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:37

S10	832	appendectom\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:37
S11	213	S10 and catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:37
S12	74	("0749689"   "1932258"   "3476114"   "3877434"   "4018229"   "4474174"   "4487489"   "4602635"   "4607621"   "4748982"   "4935027"   "4944727"   "4947827"   "5025778"   "5037433"   "5071419"   "5084015"   "5085657"   "5090960"   "5122138"   "5195958"   "5197963"   "5201740").PN. OR ("5290284").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:37
S13	13	("2002/0147385").URPN.	USPAT	ADJ	ON	2009/10/28 11:37
S14	64	("3870048"   "3874388"   "3911923"   "3967625"   "3989049"   "4245623"   "4374523"   "4493319"   "4606336"   "4700701"   "5095917"   "5290284"   "5303719"   "5320630"   "5507744"   "5591177"   "5709224"   "5746692"   "5776141"   "5788715"   "5788716"   "5792153"   "5797952"   "5807236"   "5807239"   "5826584"   "5843121"   "5846255"   "5868760"   "5871475"   "5873815"   "5885258"   "5895412"   "5908429"   "5921993"   "5935056"   "5935098"   "5935137"   "5954715"   "5957936"   "5989580"   "6007551"   "6019757"   "6042590"   "6042591"   "6059797"   "6066139"   "6066147"   "6068626"   "6165183"   "6401719").PN. OR ("6736822").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:37
S15	527	S9 not (S11 or S12 or S13 or S14)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:37

S16	232	S15 and (balloon or inflatable)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/28 11:39
S17	1	("5370653").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 14:09
S18	1129	(606/110,113-115,127). OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29 08:18
S19	184	S18 and catheter and (balloon or inflatable)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 08:20
S20	1951	(600/101,114- 116,121,123,153).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29 09:41
S21	337	S20 and catheter and (balloon or inflatable)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:41
S23	336	S21 not S19	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:42
S24	2449	(606/139,140-141,148). OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29 09:43
S25	553	S24 and catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S26	832	appendectomy\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S27	213	S26 and catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S28	74	("0749689"   "1932258"   "3476114"   "3877434"   "4018229"   "4474174"   "4487489"   "4602635"   "4607621"   "4748982"   "4935027"   "4944727"   "4947827"   "5025778"   "5037433"   "5071419"   "5084015"   "5085657"   "5090960"   "5122138"   "5195958"   "5197963"   "5201740").PN. OR ("5290284").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S29	13	("2002/0147385").URPN.	USPAT	ADJ	ON	2009/10/29 09:43

S30	64	("3870048"   "3874388"   "3911923"   "3967625"   "3989049"   "4245623"   "4374523"   "4493319"   "4606336"   "4700701"   "5095917"   "5290284"   "5303719"   "5320630"   "5507744"   "5591177"   "5709224"   "5746692"   "5776141"   "5788715"   "5788716"   "5792153"   "5797952"   "5807236"   "5807239"   "5826584"   "5843121"   "5846255"   "5868760"   "5871475"   "5873815"   "5885258"   "5895412"   "5908429"   "5921993"   "5935056"   "5935098"   "5935137"   "5954715"   "5957936"   "5989580"   "6007551"   "6019757"   "6042590"   "6042591"   "6059797"   "6066139"   "6066147"   "6068626"   "6165183"   "6401719").PN. OR ("6736822").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S31	527	S25 not (S27 or S28 or S29 or S30)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S32	232	S31 and (balloon or inflatable)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S33	313	S23 not (S27 or S28 or S29 or S30 or S32)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 09:43
S34	1	("6736822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/29 10:06
S35	1	S34 and flexible	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/10/29 10:06
S36	730	endoscope same catheter same wire with guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:41
S37	7	endoscope same catheter same wire with guide same colon	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:42

S38	730	endoscope same catheter same wire with guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:42
S39	657	endoscope same catheter with wire with guide	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:43
S40	20	endoscope same catheter with wire with guide same irrigat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:43
S41	1	("6736822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/11/05 09:44
S42	23	endoscope same catheter with wire with guide same2 (irrigat\$3 with catheter)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:48
S43	23	S42 not L%'	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:49
S44	5	S42 not S40	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:49
S45	47	endoscope same catheter same balloons same irrigation same (lumen or hole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:56
S46	1	endoscope same catheter same two with balloon same irrigation same (lumen or hole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:59
S47	3	endoscope and (catheter same two with balloon same irrigation same (lumen or hole))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 09:59
S48	7	endoscope and ((catheter same multiple with balloons) same2 (irrigation same (lumen or hole)))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:00
S49	12	("4263917"   "4627837"   "4836204"   "4909258"   "5328471"   "5584803"   "5656013"   "5735290"   "5924424").PN. OR ("6464664").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:01
S50	39	colonoscope with catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:06

S51	162	colonoscope with catheter	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:06
S52	1	colonoscope with catheter same seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:06
S53	1	colonoscope with catheter and circular with seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:07
S54	1	colonoscope same catheter and (circular with seal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:07
S55	3	colonoscope same catheter same (cutting device or cutt\$2 or needle knife or sphincterotome)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:08
S56	4	colonoscope same catheter same2 (cutting device or cutt\$2 or needle knife or sphincterotome)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:09
S57	13	colonoscope same (cutting device or cutt\$2 or needle knife or sphincterotome)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:09
S58	0	colon same needle knife same sphincterotome	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:13
S59	3	surgery same needle knife same sphincterotome	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:13
S60	1	scope same needle knife same sphincterotome	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:13
S61	9	(colone or intestine or appendix) same (needle knife or sphincterotome)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:14
S62	19	(colon or intestine or appendix) same (needle knife or sphincterotome)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:16
S63	10	S62 not S61	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:16
S64	179	sphincterotome	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:16
S65	35	sphincterotome and needle knife	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 10:16

S66	676	catheter same flap same expand\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:18
S67	676	catheter same flap same expand\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:18
S68	7	catheter same distal end same (flap or projection or dilat\$3) same (expand \$4 or open or close) same rod same move\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:23
S69	63	("2868206"   "3230949"   "3508553"   "3764427"   "3837345"   "4273128"   "4493321"   "4685458"   "4747821"   "4765332"   "4794928"   "4842579"   "4886061"   "4952215"   "4957482"   "5026383"   "5047041"   "5049154"   "5053044"   "5061240"   "5069679"   "5071424"   "5074871"   "5100426"   "5133725"   "5152772"   "5152773"   "5154724"   "5178625"   "5192291"   "5211651").PN. OR ("5282813").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:24
S70	1	catheter same distal end same (wing or element) same (expand\$4 or open or close) same rod same move\$4 same (depression or groove)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:51
S71	0	colonoscope same (outer (tube or sheath) or delivery (tube or sheath)) same circular seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:53
S72	0	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same circular seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:53
S73	0	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same circular seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:53
S74	0	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same2 circular seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:54



S75	0	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same2 eal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:54
S76	175	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same2 seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:54
S77	96	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 11:54
S78	1	endoscope same (outer (tube or sheath) or delivery (tube or sheath)) same (inner with (channel or lumen) with (lubricious or lubricant or grease))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/05 12:03

**11/ 5/ 2009 1:50:18 PM**

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 \ 10549599\_ apparatus for colonoscopic appendectomy.wsp**